

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
19350-103922

In Re Application Of:

Buckle et al.

| Application No. | Filing Date | Examiner | Customer No. | Group Art Unit | Confirmation No. |
|-----------------|-------------|----------|--------------|----------------|------------------|
| 1501138         | HEREWITH    |          | 28886        |                |                  |

Title:

**ARTICLE, METHOD AND APPARATUS OF FORMING EXPANDED PLASTIC MATERIALS IN A STEAM CHEST MOLD**

Address to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

the statement specified in 37 CFR 1.97(e);

**OR**

the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.  
19350-103922

In Re Application of:

Buckle et al.

|                           |                         |          |                       |                |                  |
|---------------------------|-------------------------|----------|-----------------------|----------------|------------------|
| Application No. 106501438 | Filing Date<br>HEREWITH | Examiner | Customer No.<br>28886 | Group Art Unit | Confirmation No. |
|---------------------------|-------------------------|----------|-----------------------|----------------|------------------|

Title:

**ARTICLE, METHOD AND APPARATUS OF FORMING EXPANDED PLASTIC MATERIALS IN A STEAM CHEST MOLD**
**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of \_\_\_\_\_ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 50-1759 as described below.
- Charge the amount of \_\_\_\_\_
  - Credit any overpayment.
  - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

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(Date)

Signature

Typed or Printed Name of Person Signing Certificate

**Certificate of Mailing by First Class Mail**

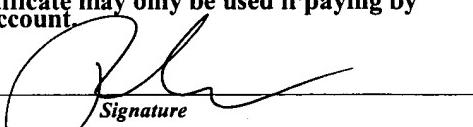
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

(Date)

Signature of Person Mailing Correspondence

Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account.



Dated: 5/31/06

Robin W. Asher, Reg. No. 41,590  
Clark Hill PLC  
500 Woodward Avenue  
Suite 3500  
Detroit, MI 48226-3435  
(313) 965-8300

CC:

10/581138

AP20 Rec'd PCT/PTO 31 MAY 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit:

Applicant: Buckle et al.

Serial No:

Filing Date: Herewith

Title: Article, Method and Apparatus of Forming Expanded Plastic Materials in a Steam Chest Mold

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This statement and Form PTO-1449 are submitted pursuant to the provisions of 37 CFR 1.97 and 1.98(a) as a means of complying with the requirements of 37 CFR 1.56 with respect to the above-captioned patent application.

If the Examiner has any questions regarding this Information Disclosure Statement or patent application, the Examiner is invited to contact the undersigned.

Respectfully submitted,

By:



Robin W. Asher  
Registration No, 41,590  
CLARK HILL PLC  
500 Woodward Avenue, Ste., 3500  
Detroit, MI 48226-3435  
313-965-8300

Dated: 5/31/06

Attorney Docket No: 19350-103922

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Applicant(s)

Buckle et al.

Filing Date

HEREWITH

10/581138

Group Art Unit

**U.S. PATENT DOCUMENTS**

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE       | NAME            | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-----|-----------------|------------|-----------------|-------|----------|----------------------------|
|                   |     | 6,821,465       | 11/23/2004 | Stein et al.    |       |          |                            |
|                   |     | 6,353,415       | 3/5/2002   | Ashtiani et al. |       |          |                            |
|                   |     |                 |            |                 |       |          |                            |
|                   |     |                 |            |                 |       |          |                            |
|                   |     |                 |            |                 |       |          |                            |

**U.S. PATENT APPLICATION PUBLICATIONS**

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE      | NAME            | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-----|-----------------|-----------|-----------------|-------|----------|----------------------------|
|                   |     | 2003/0111852 A1 | 6/19/2003 | Carley et al.   |       |          |                            |
|                   |     | 2002/0121715 A1 | 9/5/2002  | Sandefer et al. |       |          |                            |
|                   |     |                 |           |                 |       |          |                            |
|                   |     |                 |           |                 |       |          |                            |
|                   |     |                 |           |                 |       |          |                            |

**FOREIGN PATENT DOCUMENTS**

| REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|-----|-----------------|------|---------|-------|----------|-------------|----|
|     |                 |      |         |       |          | YES         | NO |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |
|     |                 |      |         |       |          |             |    |

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

"Injection Mould Design," 4th Edition, (PYE, R.G.W.) 1983; pages 301-339.

International Search Report &amp; Written Opinion for PCT/CA2004/002194 dated May 9, 2005.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.